

FAI Runway 2R/20L Reconstruction Project

7/28/21 Update

Updates for this week in Red

Runway 2R/20L **OPEN** for daytime use

NEW SIZE: 4510x75

Throughout the project

- Airport Operations Will:
 - Be on site to assist in correct barricade placement as phases progress.
 - Issue closure and work in progress NOTAMs as required.
 - Notify Watch Commander of barricaded areas for ARFF response.
 - Increase airfield presence in and around construction areas for compliance.
- HC Contracting and Sub's:
 - Contact Airport Operations at the beginning and end of each work day.
 - Contact Airport Operations prior to adjusting/placing barricades.
 - Be vigilant for FOD and remove from open airfield surfaces.
 - Lower Crane when not in use. Always have crane flagged and lit.
 - Contact Air Traffic Control (ATC) on appropriate frequency prior to entering any controlled surface areas.
 - Maintain constant contact with ATC while on the controlled surface.
 - Always give right of way to aircraft and emergency response vehicles.
- ATC Will:
 - Call Airport Operations with any operational issues.
 - Broadcast closure information on ATIS.

Phase 1A, 1B, wrapping up. Phase 2 and 3 will begin 7/15

- Expected work hours during this phase. 0600-1800L Monday-Saturday
 - Morning Safety Minute in S. University parking Lot 1
 - Runway 2R/20L will reopen 9am 7/15. Hours thereafter to be 7am-7pm.
 - Aircraft will use TWY T to Float Pond Road to access Bravo Center for runway 2L/20R during closures.
- Edge lighting for Sierra, Charlie North of Sierra, and Delta are unserviceable. Follow-me available upon request.
- Please note the taxi change at Sierra and the East Ramp.
- Bravo Construction Phase 2 and 3 Starting on 7/15
 - Starting on 7/12 TWY B between Float Pond Road Intersection and Charlie will be closed (Phases 2 & 3 completed at concurrently).
 - TWY 2R/20L shall be open 0700-1900 (7/15 0900-1900) daily until it is flight checked. New Flight Check 07/30.
 - TWY Tango will be used to taxi to 2L/20R.
 - TWY B bypass build
 - Security fence change to accommodate bypass. Temp Fence in place.
 - A NOTAM will be issued for keeping aircraft taxiway speed to less than 8 KTS while utilizing Taxiway Bravo due to the proximity of the workers to the Taxiway
- Repaving TWY Charlie between TWY Yankee and Quebec
 - Will start on 8/07 (0700-1700) between TWY Yankee and Quebec
 - That portion of TWY Charlie will be closed and barricaded for approximately 2 days till its done
 - Aircrafts will have to back taxi on RWY 2R/20L to get to TWY Quebec and North of RWY 2R from Yankee
- Electrical Work
 - Trenching at edge of Taxiway Safety Area adjacent to taxiway Bravo Center in progress.
 - Flagger onsite to direct and control construction equipment and personnel to a pre-established setback distance.
 - The TWY will be restricted to Aircraft with less than a 49 foot wingspan. All other Aircrafts exceeding 49 foot wingspan are to call operations for an escort
 - A NOTAM will be issued for keeping aircraft taxiway speed to less than 8 KTS while utilizing Taxiway Bravo due to the proximity of the workers to the Taxiway
 - Barricaded work area
- Security Fence
 - Will potentially start work oh 3 gates
 - North West Barriers will start fence work on 7/26.




7/29 - Phase 3

7/28 - Phase 2

7/27 - Phase 1

Barricades

An aerial photograph of a road intersection. A horizontal road at the top has a T-junction where a vertical road crosses it. The vertical road is labeled 'TWY QUEBEC' with arrows pointing left. To the right of the intersection, a rectangular area on the horizontal road is outlined with a thick black border and an orange frame. This area is labeled 'Repaving Area' and 'Barricades'. Further to the right, the horizontal road continues and is labeled 'TWY YANKEE' with an arrow pointing right. The surrounding area is mostly green grass with some brown patches. In the bottom left, there's a curved road or path. In the bottom right, there's a parking lot with several cars.

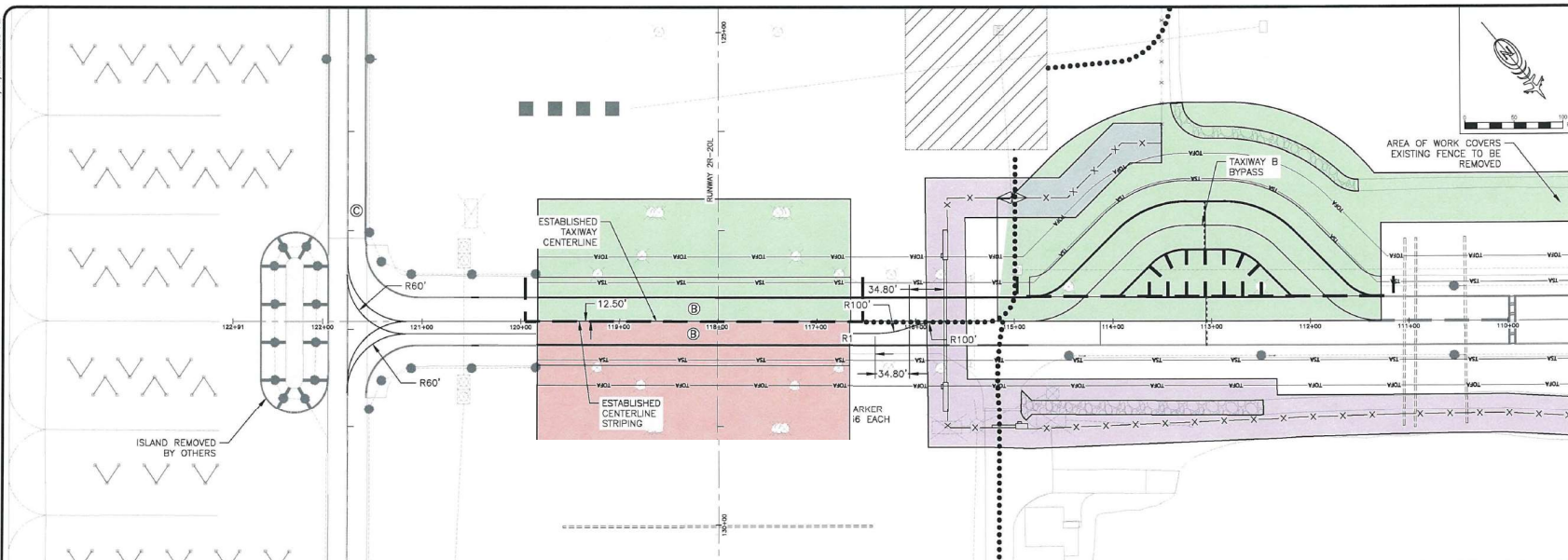
<--- TWY QUEBEC

Repaving Area
Barricades

TWY YANKEE --->

7/16/2020 5:50 PM

PLANS DEVELOPED BY: IOR ENGINEERING INC, 2525 C STREET SUITE 500, ANCHORAGE, ALASKA, 99503, (907)844-2000 CERT. OF AUTH. NO. ACC0569
 C:\Users\jmorris\Documents\Projects\FAI Runway 2R/20L\1142\0483_C_CSP-10



SAFETY PLAN WORK ITEMS:

- PHASE 2 SHALL COMMENCE AT THE COMPLETION OF PHASE 1A.
- PHASE 4 MAY RUN CONCURRENTLY WITH PHASE 2.
- ALL WORK WITHIN A RUNWAY SAFETY AREA, TAXIWAY SAFETY AREA, OR TAXILANE SAFETY AREA REQUIRES THE CLOSURE OF RELATED RUNWAY, TAXIWAY OR TAXILANE. PLACE HAZARD AREA BARRIERS TO PREVENT AIRCRAFT FROM ENTERING THE CONSTRUCTION AREA. CONSIDER THE EFFECTS OF PROPELLER WASH WHEN PLACING BARRIERS.

PHASE 2 WORK ITEMS:

1. OPEN THE HALF WIDTH TAXIWAY B FOR DAYTIME OPERATIONS AND BEGIN PHASE 2 ONLY WHEN APPROVED BY THE ENGINEER.
2. CONSTRUCT ALL EROSION AND SEDIMENT CONTROL BMP'S REQUIRED FOR THIS PHASE.
3. LONG DURATION WORK
 - THE CONTRACTOR MAY WORK ON PHASE 4 GATES AND FENCE AT ANY TIME AS LONG AS THEY REMAIN CLEAR OF THE TAXIWAY OBJECT FREE AREA.
4. NIGHT TIME CLOSURE WORK
 - TW B WILL REMAIN OPERATIONAL AT HALF WIDTH TO PROVIDE DAYTIME ACCESS. THE OPEN HALF WILL BE CLOSED AT NIGHT FOR CONSTRUCTION ACTIVITIES.
 - REMOVE OR BLACKOUT THE EXISTING TW B CENTERLINE IN THIS AFFECTED AREA.
 - INSTALL TEMPORARY TAXIWAY EDGE LIGHTS DOWN THE CENTERLINE OF TW B.
 - PAINT A NEW CENTERLINE TO GUIDE AIRCRAFT DOWN THE HALF-WIDTH SEGMENT.
 - TURN OFF ALL ASSOCIATED LIGHTS AND DEMO ASSOCIATED INFRASTRUCTURE.
 - OBLITERATE EXISTING HMA SURFACES.
 - RECONSTRUCT NEW SURFACES.
 - INSTALL NEW LIGHTS, SIGNS, CONDUIT, AND CONDUCTORS.
 - PAINT PERMANENT PHASE 2 AND TEMPORARY PHASE 3 TAXIWAY MARKINGS.
 - REMOVE OR BLACK OUT THE TEMPORARY PHASE 2 CENTERLINE MARKING.
 - OPEN TAXIWAY FOR SERVICE AND TRANSITION TO PHASE 3.

LEGEND:

- Ⓢ TAXIWAY DESIGNATOR
- PHASE 2
- PHASE 4
- CONTRACTOR STAGING AREA
- CONTRACTOR ACCESS/HAUL ROUTE
- HAZARD MARKER BARRIER
- PHASE 3

DESIGN BL
 DRAWN MS
 CHECKED NS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION



BY	DATE	REVISIONS

FAIRBANKS INTERNATIONAL
 AIRPORT
 FAI RUNWAY 2R/20L RECONSTRUCTION
 AIP 3-02-0096-059-2020/NFAPT00483
 CSPP - PHASE 2

SHEET
 10 OF
 85

Technical drawing of Taxiway B and Taxiway Bypass. The drawing includes the following elements:

- MOVEMENT AREA BOUNDARY MARKING:** Indicated by a circle with '6' over '4.3'.
- TAXIWAY B BOUNDARY MARKING:** Indicated by a circle with '2' over '4.4'.
- MOVEMENT AREA BOUNDARY MARKING:** Indicated by a circle with '6' over '4.3'.
- TAXIWAY CENTERLINE MARKING TYP.:** Indicated by a circle with '2' over '4.3'.
- TAXIWAY EDGE MARKING TYP.:** Indicated by a circle with '2' over '4.3'.
- Dimensions:** 75' and 75' are marked at several points along the taxiway boundaries.
- Stationing:** 25+00 is marked on the left side of the drawing.
- Other Markings:** Various numbers (195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 9

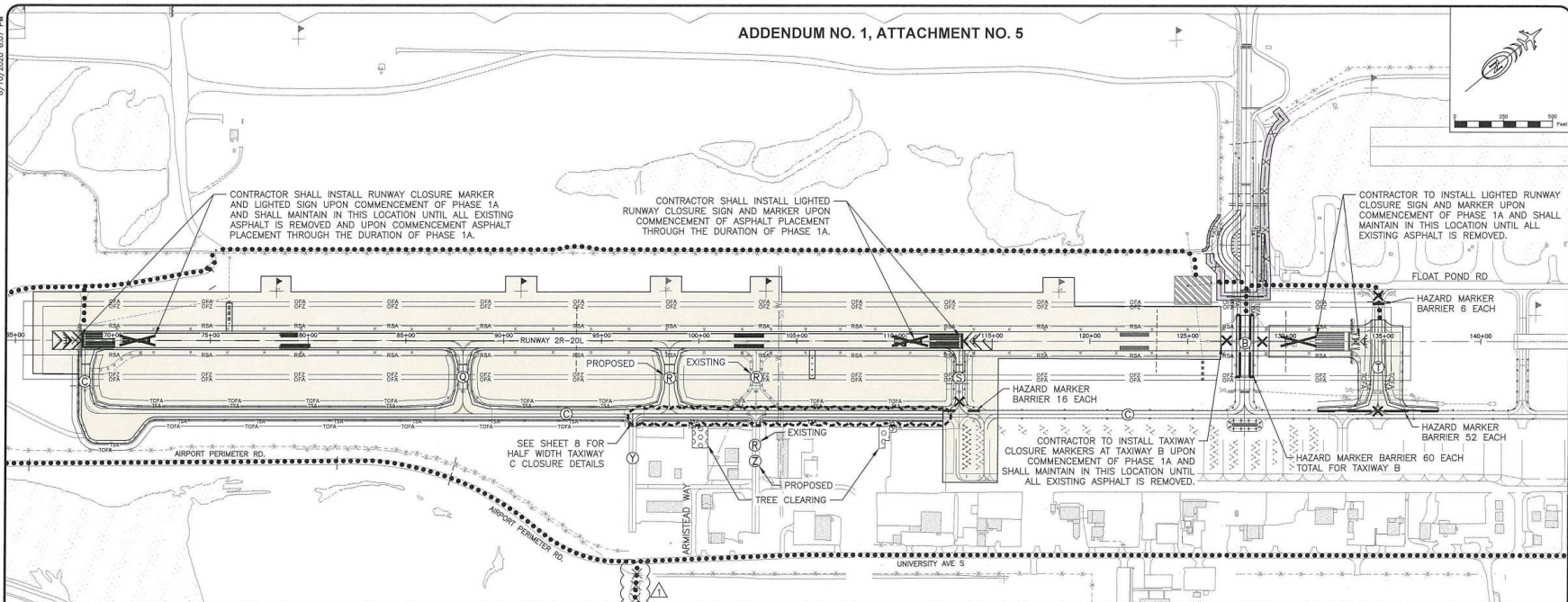
Haul Route for Phase 2 & 3



New **Taxiway ZULU** Effective Friday July 2nd 2021 at 0900L



ADDENDUM NO. 1, ATTACHMENT NO. 5










SAFETY PLAN WORK ITEMS:

- ALL PAVEMENTS CLOSED DURING PHASE 1A SHALL BE CLOSED THROUGHOUT THE DURATION OF THE PHASE.
- PHASE 4 MAY RUN CONCURRENTLY WITH PHASE 1A.
- ALL WORK WITHIN A RUNWAY SAFETY AREA, TAXIWAY SAFETY AREA, OR TAXILANE SAFETY AREA REQUIRES THE CLOSURE OF RELATED RUNWAY TAXIWAY OR TAXILANE. PLACE HAZARD AREA BARRIERS TO PREVENT AIRCRAFT FROM ENTERING THE CONSTRUCTION AREA. CONSIDER THE EFFECTS OF PROPELLER WASH WHEN PLACING BARRIERS.

PHASE 1A WORK ITEMS:

1. CONSTRUCT ALL EROSION AND SEDIMENT CONTROL BMP'S REQUIRED FOR THIS PHASE
2. LONG DURATION CLOSURE WORK
 - CLOSE RW 2R/20L, HALF WIDTH TW C (WEST SIDE) FROM STA 96+62 TO 112+50, CONNECTOR TW'S Q, R, S AND T AT TW C AND FLOOD POND WAY.
 - REMOVE/BLACKOUT CRITICAL MARKINGS FROM RW 2R/20L. (RW DESIGNATION, THRESHOLD MARKINGS, AND AIMING POINT MARKINGS).
 - RELOCATE ALL EXISTING LIGHTS AND NAVAIDS TO AFFECTED WORK AREAS AND DEMO ASSOCIATED INFRASTRUCTURE. COORDINATE WITH FEA FOR ANY NAVAID OUTAGES.
 - PLACE BARRICADES ALONG TW B'S SAFETY AREA AT INTERSECTION WITH RW 2R/20L.
 - OBLITERATE EXISTING HMA SURFACES.
 - PROVIDE EROSION SETTLEMENT MITIGATION MEASURES ON RUNWAY. SINCE DDC WILL REQUIRE A CRANE, A 7460-1 FORM WILL NEED TO BE SUBMITTED PER SECTION 18.B.1.
 - RECONSTRUCT NEW SURFACES.
 - RELOCATE TW R.
 - INSTALL NEW LIGHTS, SIGNS, CONDUIT, CONDUCTORS, WINDCONES, AND NAVAIDS SUPPORT INFRASTRUCTURE.
 - PAINT PERMANENT TAXIWAY MARKINGS AND TEMPORARY PHASE 1B MARKINGS.
 - PAINT RUNWAY AT 35% OF THE TOTAL APPLICATION RATE IF IT'S DESIRED TO OPEN UP PRIOR TO RUNWAY GROOVING.
 - FLIGHT CHECK THE RUNWAY.
 - OPEN THE RUNWAY
3. NIGHT TIME CLOSURE WORK
 - ONCE THE ASPHALT IS FULLY CURED, GROOVE THE RUNWAY DURING NIGHT TIME CLOSURES.
 - APPLY SECOND COAT OF RUNWAY PAINT OVER GROOVED RUNWAY AT 100% OF THE TOTAL APPLICATION RATE.
4. OPTIONAL ADDITIONAL WORK OUTSIDE TAXIWAY OBJECT FREE AREAS THAT MAY BEGIN IN PHASE 1A
 - THE CONTRACTOR MAY BEGIN PHASE 4 WORK FOR THE FENCING AND GATE WORK ALONG TW B AT ANY TIME AS LONG AS THEY ARE CLEAR OF THE TAXIWAY OBJECT FREE AREA.

LEGEND:

- | | |
|---|--|
|  | TAXIWAY DESIGNATOR |
|  | PHASE 1A |
|  | CONTRACTOR ACCESS/HAUL ROUTE |
|  | HAZARD MARKER BARRIER |
|  | TAXIWAY CLOSURE MARKER (SEE DETAIL 2, SHEET 12) |
|  | LIGHTED RUNWAY CLOSURE SIGN |
|  | RUNWAY VINYL/MESH CLOSURE MARKER
(SEE DETAIL 2, SHEET 12) |


DESIGN BL

DRAWN MD

CHECKED NS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION



NBS	8/12/2020	REMOVED MATERIAL SOURCE CALLOUT — ADDENDUM 1	
BY	DATE	REVISIONS	

FAIRBANKS INTERNATIONAL
AIRPORT
FAI RUNWAY 2R/20L RECONSTRUCTION
AIP 3-02-0096-059-2020/NFAPT00483
CSPP - PHASE 1A (1 OF 2)

SHEET
7 OF
85



No Parking

S. University

Contractor
Parking

Vanhorn

The final fence line will look as follows and a permanent ASP Amendment will follow.

